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SOURCE Newspapers as indicated.

GROW NEW TREE AND PLANT VARIETIES

Kishinev, Sovetskaya Moldaviya, 6 Jun 50

The Lozovskiy Forestry Management has planted commercial plantations of spindle trees (*Euonymus*). The tree's roots contain a large amount of caoutchouc which is used in processing the best varieties of rubber. The first of these roots were gathered in 1949. At present the forestry management is fellling spindle trees and putting the roots in storage.

Vechernyaya Moskva, 3 Jun 50

Forest managements of Kurgan Oblast have planted seedlings of *Pinus sibirica*, *Phellodendron amurense rupr.* (Amur cork tree), *Schizandra chinensis*, and other species of trees. Workers of the Prosver Forest Management are now acclimatizing the spindle tree (*Euonymus*). The new seedlings are acclimatizing well.

Moskovskiy Komsomolets, No 75, 24 Jun 50

The Institute of Plant Physiology of the Academy of Sciences USSR has completed some important work. In 1950, the method of Professor Yu. V. Rakitin, based on growth stimulation (use of chemical compounds facilitating optimum plant development) began to be widely utilized. Laboratories are producing apparatus for spraying tomato blossoms. Such work not only increases the tomato harvest 2-3 times but also improves the quality of fruits and enables them to ripen earlier.

A few days ago, the Presidium of the Academy of Sciences USSR heard a report from Academician N. A. Maksimov, Director of the Institute of Plant Physiology, concerning the establishment of a special scientific center for studying plants under varied climatic conditions. A climatic laboratory for the institute is being built in the botanical garden of the Academy of Sciences USSR. This laboratory will test the endurance of plants growing

-1-

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under hot semiarid conditions with dry winds, under the long, cold winters of northern oblasts, under moist, subtropical conditions, and under forest steppe conditions.

Yerevan, Kommunist, 26 May 50

Workers of the Institute of Pomiculture of the Academy of Sciences, Armenian SSR, are studying the question of introducing subtropical crops on a large scale and of increasing the productivity of orchards in the Armenian SSR.

This summer, five scientific expeditions will be sent out into the republic to study questions concerning not only local crops and wild-growing varieties of fruit, but also crops which have been introduced into this region. Special attention will be given to rayons growing subtropical plants for the best local varieties of figs, pomegranates, almonds, and walnuts.

Expeditions have gone to Nor-Bayazetskiy, Martuninskiy, Basargecharskiy, Sevanskiy, and Akhtinskiy rayons to study the conditions of Michurinian varieties of fruit which grow there.

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- 2 -

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